

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions of claims in the application.

1. (Currently amended): A system for computing an order quantity of parts constituting a product based on a production schedule of the product, comprising:

- a. required part quantity computing means for computing a required quantity of the parts based on the production schedule;
- b. actual inventory quantity checking means for checking an actual quantity of inventory of the parts;
- c. first part order quantity computing means for computing a first part order quantity for a predetermined first period of time based on the computed required quantity of the parts and the checked actual quantity of inventory of the parts;
- d. tentative inventory quantity computing means for computing a tentative quantity of inventory of the parts based on a past order record of the parts and a production record of the product;
- e. second part order quantity computing means for computing a second part order quantity for a predetermined second period of time, longer than the predetermined first period of time, based on the computed required quantity of the parts and the computed tentative quantity of inventory of the parts;
- f. price data inputting means for inputting a price data of the parts;
- g. part price data storing means for storing the inputted price data of the parts;

- h. ~~prescribed~~ standard price data inputting means for inputting a ~~prescribed~~ standard price data to be compared with the inputted price data of the parts;
- i. ~~prescribed~~ standard price data storing means for storing the inputted ~~prescribed~~ standard price data;
- j. selecting means for comparing the inputted price data with the stored ~~prescribed~~ standard price data and for selecting the first part order quantity computing means when a value of the inputted price data is greater than a value of the stored ~~prescribed~~ standard price data, while for selecting the second part order quantity computing means when a value of the inputted price data is equal to or less than a value of the stored ~~prescribed~~ standard price data; and
- k. part ordering means for ordering the parts based on the part order quantity computed by the selected part order quantity computing means.

2. (Withdrawn – Currently amended): A system for computing an order quantity of parts constituting a product based on a production schedule of the product, comprising:

- a. required part quantity computing means for computing a required quantity of the parts based on the production schedule;
- b. actual inventory quantity checking means for checking an actual quantity of inventory of the parts;
- c. first part order quantity computing means for computing a first part order quantity for a predetermined first period of time based on the computed required quantity of the parts and the checked actual quantity of inventory of the parts;

d. tentative inventory quantity computing means for computing a tentative quantity of inventory of the parts based on a past order record of the parts and a production record of the product;

e. second part order quantity computing means for computing a second part order quantity for a predetermined second period of time, longer than the predetermined first period of time, based on the computed required quantity of the parts and the computed tentative quantity of inventory of the parts;

f. size data inputting means for inputting a size data of the parts;

g. part size data storing means for storing the inputted size data of the parts;

h. ~~prescribed~~ standard size data inputting means for inputting a ~~prescribed~~ standard size data to be compared with the inputted size data of the parts;

i. ~~prescribed~~ standard size data storing means for storing the inputted ~~prescribed~~ standard size data;

j. selecting means for comparing the inputted size data with the stored ~~prescribed~~ standard size data and for selecting the first part order quantity computing means when a value of the inputted size data is greater than a value of the stored ~~prescribed~~ standard size data, while for selecting the second part order quantity computing means when a value of the inputted size data is equal to or less than a value of the stored ~~prescribed~~ standard size data; and

k. part ordering means for ordering the parts based on the part order quantity computed by the selected part order quantity computing means.

3. (Withdrawn – Currently amended): A system for computing an order quantity of parts constituting a product based on a production schedule of the product, comprising:

- a. required part quantity computing means for computing a required quantity of the parts based on the production schedule;
- b. actual inventory quantity checking means for checking an actual quantity of inventory of the parts;
- c. first part order quantity computing means for computing a first part order quantity for a predetermined first period of time based on the computed required quantity of the parts and the checked actual quantity of inventory of the parts;
- d. tentative inventory quantity computing means for computing a tentative quantity of inventory of the parts based on a past order record of the parts and a production record of the product;
- e. second part order quantity computing means for computing a second part order quantity for a predetermined second period of time, longer than the predetermined first period of time, based on the computed required quantity of the parts and the computed tentative quantity of inventory of the parts;
- f. lead time data inputting means for inputting a lead time data of the parts;
- g. part lead time data storing means for storing the inputted lead time data of the parts;
- h. ~~prescribed standard~~ lead time data inputting means for inputting a ~~prescribed standard~~ lead time data to be compared with the inputted lead time data of the parts;
- i. ~~prescribed standard~~ lead time data storing means for storing the inputted ~~prescribed~~

standard lead time data;

j. selecting means for comparing the inputted lead time data with the stored ~~prescribed~~ standard lead time data and for selecting the second part order quantity computing means when a value of the inputted lead time data is greater than a value of the stored ~~prescribed~~ standard lead time data, while for selecting the first part order quantity computing means when a value of the inputted lead time data is equal to or less than a value of the stored ~~prescribed~~ standard lead time data; and

k. part ordering means for ordering the parts based on the part order quantity computed by the selected part order quantity computing means.